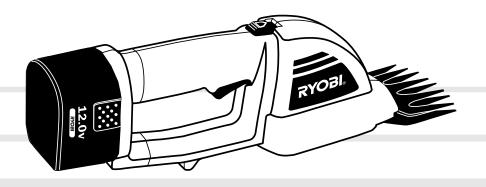


——— GS12V – GS12VX ——— 12 Volt - Battery Grass Shears

OPERATOR'S MANUAL







FOR QUESTIONS, CALL 1-800-345-8746 in U.S. or 1-800-265-6778 in CANADA www.ryobi.com

IMPORTANT MANUAL

DO NOT THROW AWAY

INTRODUCTION

THANK YOU

Thank you for purchasing this quality product. This modern outdoor power tool is designed to provide many hours of useful service. You will find it to be a great labor-saving device. This operator's manual provides you with easy-to-understand operating instructions. Read the entire operator's manual and follow all of the instructions to keep your new outdoor power tool in top operating condition.

PRODUCT REFERENCES, ILLUSTRATIONS AND SPECIFICATIONS

All information, illustrations and specifications in this manual are based on the latest product information available at the time of printing. We reserve the right to make changes at any time without notice.

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NOTE: PROOF OF PURCHASE WILL BE REQUIRED FOR WARRANTY SERVICE.

SERVICE INFORMATION

Service on this unit both within and after the warranty period should be performed only by an authorized and approved service dealer.

Dial **1-800-345-8746** in the United States and **1-800-265-6778** in Canada to obtain the listing of the authorized service dealer nearest you.

Do not return the unit to the retailer.

Examine all parts to make certain that nothing is missing and no breakage has occurred during shipping. Any damaged or missing part must be replaced before using this product.

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MODEL GS12V

- Battery Grass Shears
- Blade Cover
- Operator's Manual
- Product Registration Card
- 12V Battery
- 12V Charger
- Charging Stand
- Wallspacers, Anchors and Screws

MODEL GS12VX

- Battery Grass Shears
- Blade Cover
- Operator's Manual
- Product Registration Card



WARNING: The operation of any power tool can result in foreign objects being thrown in the eyes, which can result in severe eye damage. Before beginning your units operation, always wear safety goggles or safety glasses with side shields and a full face shield when needed. A wide vision safety mask for use over eyeglasses, or standard safety glasses with side shields is recommended.

SAFETY WARNINGS

THE PURPOSE OF SAFETY SYMBOLS IS TO ATTRACT YOUR ATTENTION TO POSSIBLE DANGERS. THE SAFETY SYMBOLS, AND THE EXPLANATIONS WITH THEM, DESERVE YOUR CAREFUL ATTENTION AND UNDERSTANDING. THE SAFETY WARNINGS DO NOT BY THEMSELVES ELIMINATE ANY DANGER. THE INSTRUCTIONS OR WARNINGS THEY GIVE ARE NOT SUBSTITUTES FOR PROPER ACCIDENT PREVENTION MEASURES.

SYMBOL MEANING



SAFETY ALERT SYMBOL:

Indicates danger, warning, or caution. May be used in conjunction with other symbols or pictographs.



DANGER: Failure to obey a safety warning will result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.



WARNING: Failure to obey a safety warning can result in serious injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.



CAUTION: Failure to obey a safety warning may result in property damage or personal injury to yourself or to others. Always follow the safety precautions to reduce the risk of fire, electric shock, and personal injury.

NOTE: Advises you of information or instructions vital to the operation or maintenance of the equipment.

• IMPORTANT SAFETY INFORMATION •



WARNING: When using this electric gardening tool, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury. Carefully read and understand the Operator's Manual before using your grass shears. Pay close attention to the Operating Instructions and Safety Warnings.

READ ALL INSTRUCTIONS FOR SAFE OPERATION:

- Read all instructions carefully. Become familiar with the products controls and the proper use of the unit.
- Dress correctly for outside work. Wearing sturdy gloves, non-skid footwear, and safety goggles or safety glasses with side shields are recommended. Wear hearing protection during extended periods of operation.
- Keep hair, loose clothing, fingers, and all parts of body away from openings and moving parts. Long hair must be pulled back and secured off shoulders and neck. Do not wear loose fitting clothes or articles such as scarves, strings, chains, ties, etc.

- BE ALERT. Pay attention to the task. Do not use power equipment when fatigued.
- RISK OF CUT. Keep hands away from blades. Do not attempt to remove cut material or hold material to be cut when blades are moving. Make sure battery is removed and trigger is not engaged when clearing jammed material from blades. Do not grasp or lift unit by the exposed cutting blades.
- GUARD AGAINST ELECTRIC SHOCK HAZARD - Do not use grass shears in rain, in wet locations, or on wet surfaces.
- KEEP CHILDREN AWAY Keep all bystanders away, especially children and pets.
- Use grass shears properly. Use only for trimming grass in close areas, as described in the operating instructions. To prevent serious personal injury and product failure, do not use to trim hedges or branches. Do not abuse the unit. Never force the grass shears to work at a faster pace than it was designed for.
- DO NOT overreach or use on unstable support. Keep good footing and balance at all times.

SAFETY WARNINGS

- Avoid unintentional starting of grass shears. Before inserting battery into grass shears, be sure lock-off button is not pressed forward. Do not carry grass shears with finger on trigger.
- Never use in an explosive atmosphere.
 Normal sparking of the motor could ignite fumes.
- Battery tools do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. Be aware of possible hazards, such as sharp blades, even when tool is not operating. Always remove the battery before servicing the tool.
- Maintain grass shears with care. Keep the handle dry and clean, and free from oil and grease. Inspect the grass shears periodically. Should damage occur, have the unit repaired by an authorized service dealer.
- Always use a clean cloth when cleaning the unit. Never use strong detergents, gasoline, petroleum-based products, or any strong solvents to clean the case.
- Clean, sharp blades are needed for best and safest performance. Follow maintenance instructions.
- When not in use, store grass shears indoors in a dry place, up high or in a locked area, out of the reach of children.
- For service or repair, take the grass shears to your authorized dealer. See that only identical replacement parts are used. The use of non-standard parts, or other accessories or attachments not designed for this unit, could result in serious injury to the user or damage the grass shears, and void your warranty.
- Before using charging stand, read all instructions and cautionary markings in this manual, on charging stand, and product using charging stand.
- USE ONLY A RYOBI BATTERY THAT WAS DESIGNED FOR YOUR GRASS SHEARS. Use of any other 12 volt nickel-cadmium battery may cause personal injury and damage the unit. See Battery and Charging Stand.
- Always exercise care in handling the battery. Conducting materials, such as rings, bracelets, and keys, should never be used around an un-installed battery. Contact with these materials may overheat the battery or conductor, resulting in personal injury.

- USE ONLY THE RYOBI CHARGING STAND THAT WAS DESIGNED FOR ITS MATCHING BATTERY. Use of any other charging stand could promote batteries to explode, causing serious personal injury. See Battery and Charging Stand.
- Do not use 12V charger in rain or snow.
- DO NOT PLACE GRASS SHEARS OR ITS BATTERY NEAR FIRE OR HEAT. It might explode.
- DO NOT CHARGE BATTERY IN A DAMP OR WET LOCATION. Your grass shears should be charged in a location where the temperature is more than 50° F (10° C) but less than 100° F (38° C).
- To reduce risk of injury, charge only Ryobi nickel-cadmium type rechargeable batteries.
 Other types of batteries may burst, causing personal injury and damage. See Battery and Charging Stand.
- To reduce risk of damage to charger cord, pull by the cord plug, rather than cord, when disconnecting 12V charger.
- Make sure charger cord is located so that it will not be stepped on, tripped over, or otherwise subjected to damage or stress.
- DO NOT OPERATE 12V CHARGER WITH A DAMAGED CORD OR PLUG. Inspect the charger cord periodically. If damaged, have it replaced immediately by an authorized service dealer.
- Do not operate 12V charger if it has received a sharp blow, been dropped, or otherwise damaged in any way; take it to an authorized service dealer.
- Do not disassemble 12V charger; take it to an authorized service dealer when service or repair is required. Incorrect reassembly may result in a risk of electric shock or fire.
- To reduce risk of electric shock, unplug the 12V charger from outlet before attempting any maintenance or cleaning. Do not use 12V charger outdoors.
- Disconnect 12V charger from power supply when not in use.
- Never dispose of the battery in a fire, as the cell may explode. DO NOT disassemble or mutilate the battery. Released electrolyte is toxic and corrosive, and may cause serious personal injury. Battery should be recycled; call 1-800-8 BATTERY for recycling information.

SAFETY WARNINGS

 Keep these instructions. Refer to them frequently and use them to instruct other users. If you loan someone this tool, also loan them these instructions.

SAVE THESE INSTRUCTIONS

SAFETY AND INTERNATIONAL SYMBOLS

This operator's manual describes safety and international symbols and pictographs that may appear on this product. Read the operator's manual for complete safety, assembly, operating, maintenance and repair information.

SYMBOL	MEANING
A	SAFETY ALERT SYMBOL Indicates danger, warning, or caution. May be used in conjunction with other symbols or pictographs.
	READ OPERATOR'S MANUAL Failure to follow operating instructions and safety precautions in operator's manual can result in serious injury. Read operator's manual before starting or operating this unit.
i	• FOR SERVICE INFORMATION, CALL: USA: 1-800-345-8746 CANADA: 1-800-265-6778
	WEAR EYE AND HEARING PROTECTION WARNING: Thrown objects and loud noise can cause severe eye injury and hearing loss. Wear eye and ear protection when operating this unit.
	KEEP HANDS AWAY FROM BLADES MOVING BLADES CAN CAUSE SEVERE INJURY. Do not put hands on blades when starting the engine or while operating hedge trimmer.

KNOW YOUR BATTERY GRASS SHEARS

READ THIS OPERATOR'S MANUAL AND HEED THE SAFETY WARNINGS BEFORE STARTING

YOUR GRASS SHEARS. Compare the illustrations with your grass shears to familiarize yourself with the location of various controls and adjustments. Save this manual for future reference.

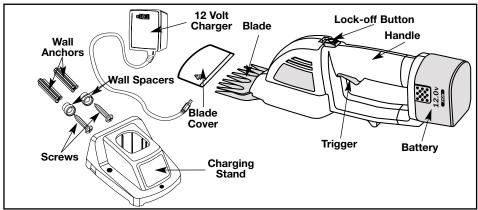


Fig. 1

- 1. **TRIGGER** use for starting and stopping the grass shears.
- LOCK-OFF BUTTON resets and locks the trigger off each time the trigger is released.
- 3. BLADE use to cut grass.
- 4. **BLADE COVER** covers blade when grass shears is not in use.
- 5. BATTERY use to power grass shears.
- 6. CHARGING STAND holds battery.
- 7. **12V CHARGER** plugs into wall outlet and charging stand. Charges battery.

BATTERY AND CHARGING STAND

Your grass shears requires a Ryobi #181918 battery, charging stand #181919, and 12V charger #181925. The charging instructions in this manual refer only to these parts.

CHARGING STAND

See Figure 2.

Your charging stand has a hanging slots feature for convenient, space-saving storage.

CHARGING STAND MOUNTING

See Figure 3.

When mounting the charging stand into a plaster board wall, drill two 7/32 in. (5.56mm) diameter holes, 1-7/16 in. (36.5mm) apart horizontally.

Tap wall anchors into hole with hammer until flush with wall. Insert screws into the wall spacers. Make sure the wider end of the wall spacer contacts the head of the screw. Screw into anchors.

When mounting the charging stand onto a wood surface, place two marks, 1-7/16 in. (36.5mm) apart horizontally, install screws and wall spacers provided. Make sure the wider end of the wall spacer contacts the head of the screw.

Position the charging stands slots over the wall spacers, and slide into place (Fig. 3).

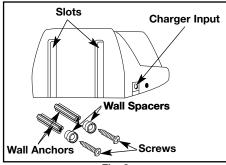


Fig. 2

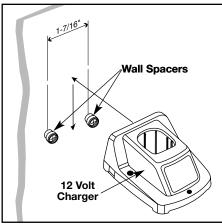


Fig. 3

TO CHARGE BATTERY

See Figures 4 and 5.

Charge the Ryobi #181918 battery for at least 8 hours before first use, and a minimum of 8 hours between each use.

NOTE: Batteries will not reach full charge the first time they are charged. Allow several cycles (trimming followed by recharging) for batteries to be fully charged.



WARNING: To reduce the risk of injury, charge only Ryobi brand nickel-cadmium rechargeable batteries. Other types of batteries may burst, causing personal injury or damage. Refer to the manufacturer's instructions for charging the CTH and HP batteries.

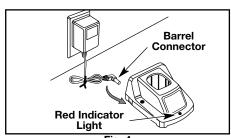


Fig. 4

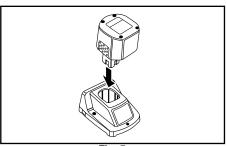


Fig. 5

- Charge the Ryobi #181918 battery using only the Ryobi #181919 and #181925 12V charging unit designed for your grass shears.
- Plug 12V charger into the wall outlet and its barrel connector into Charger Input of the charging stand (Fig. 4). Make sure the wall outlet is normal house voltage, 120 volts, 60 Hz, AC only.
- 3. Insert battery into the charging stand (Fig. 5).

NOTE: The shape of the battery matches the shape of the charging stand socket.

 Press down on battery to be sure contacts on the battery engage properly with charging stand contacts (Fig. 5).

NOTE: DO NOT place charging stand in an area of extreme heat or cold. It will work best at normal room temperature.

5. When the red light is on (Fig. 4), the battery is being charged.

If the light fails to turn on, check the following:

- a. Barrel connector has been properly installed into the charging stand.
- b. 12V charger has been plugged into the wall outlet.
- c. Battery is firmly seated in the charging stand.
- 6. Charge the Ryobi #181918 battery for a minimum of 8 hours before the first use.

NOTE: The battery will become slightly warm to the touch while charging. This is normal and does not indicate a problem.

- The Ryobi #181918 battery should be charged for a minimum of 8 hours between each use. The units operating time and the life of the battery will be shortened if this procedure is not followed.
- The grass shears should not be stored at temperatures above 100° F (37° C) because high temperatures will shorten the life of the battery.
- After a full charge, disconnect the 12V charger from the wall outlet, and remove the battery from the charging stand. This avoids battery overcharging, which can reduce battery life.



WARNING: ALWAYS be sure that the trigger is OFF and the lock-off button is not pushed forward before installing the battery in your grass shears. Failure to heed this warning can result in serious personal injury.



WARNING: STAY ALERT and watch what you are doing. Do not operate grass shears when fatigued. Failure to heed this warning can result in serious personal injury.



WARNING: NEVER operate the grass shears with broken or missing parts. Take the grass shears to an authorized Ryobi service dealer for repairs. Failure to heed this warning can result in serious personal injury.



WARNING: Battery tools do not have to be plugged in; they are always in operating condition. Avoid unintentional starting of grass shears at all times. Never carry grass shears with finger on the trigger.

TO INSTALL BATTERY

1. Place battery in your grass shears. Align raised rib on battery with groove in grass shears housing (Fig. 6).

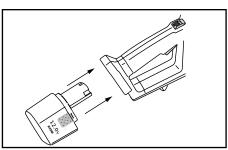


Fig. 6

Make sure the latches on each side of your battery snap in place and battery is secured in grass shears before beginning operation.



CAUTION: When placing the battery in your grass shears, be sure raised rib on the battery aligns with groove in the housing and snaps in place properly. Improper assembly of battery can cause damage to internal components.

TO REMOVE BATTERY

- Locate latches on end of battery and depress to release battery from your grass shears.
- 2. Remove battery from your grass shears (Fig. 7).

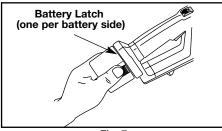
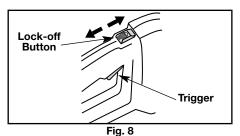


Fig. 7

LOCK-OFF BUTTON

Your grass shears is equipped with a lock-off button, which reduces the possibility of accidental starting (Fig. 8).



TO USE GRASS SHEARS



WARNING: If any parts are missing or damaged, do not operate your grass shears until they have been replaced. Failure to do so could result in possible serious personal injury.

To turn your grass shears on (Fig. 9), remove blade cover, and proceed as follows:

- 1. Slide the lock-off button forward. This allows the trigger to operate.
- 2. Depress and hold trigger.
- 3. Release the lock-off button.

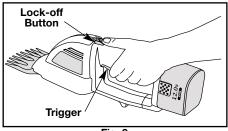


Fig. 9



WARNING: Keep hands and fingers away from moving parts. Any part of body coming in contact with moving parts could result in serious injury.

NOTE: The lock-off button is located on top of the handle. The lock resets each time the trigger is released.

4. Trim grass. Do not force the unit through dense growth. If the blades slow down, then reduce your pace. Should the blades jam, release the trigger immediately. Remove the battery and clear the blockage with a screwdriver.



WARNING: Do not use fingers to free up jammed blades. Jammed blades can release suddenly, causing serious injury. Always turn the unit off and remove the battery before performing service.

5. To stop grass shears, release the lock-off button and the trigger (Fig. 10).

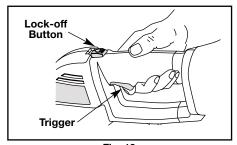


Fig. 10

MAINTENANCE



WARNING: User-replaceable parts on this item are limited to the battery and the blades. Use only identical Ryobi replacement parts. Use of any other parts may create a hazard or cause product damage. For repairs or adjustments, always take the unit to an authorized Ryobi service dealer.

BLADE CLEANING

For longest life and easiest trimming, blade cleaning should be performed if sap and debris have built up, or if you live in an area where the soil is sandy. Cleaning unusually heavy deposits requires removal of the blades.

MAINTENANCE

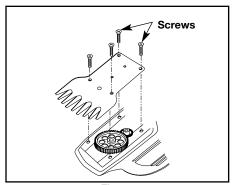


Fig. 11

- 1. Turn the shears off, and remove the battery.
- Remove the four screws on the bottom of the shears (Fig. 11). Wear heavy gloves. Carefully lift the blades out of the unit. Leave the washer on the gear post.
- Scrub each blade using a small, stiff bristle brush and mild soap. Rinse the blades using tap water, and dry them using a clean cloth.
- Clean any grass from the bottom of the case. Rotate the large gear to line up the post with the slot in the moving blade (Fig. 11).
- Using a clean rag, apply a thin coat of household oil to the inside contacting surfaces of the blades. DO NOT over-oil them.
- 6. Replace the blades on the units body.
- 7. Replace and tighten the four screws to secure the blades (Fig. 11).
- Replace the battery, and turn the grass shears on briefly to distribute the oil between the blades.
- The Ryobi #181918 battery should be charged for a minimum of 8 hours between each use. See To Charge Battery.

REPLACING THE BLADES

Dull blades cut poorly, and put extra strain on the motor. Replace the blades if they become dull from heavy use. A new set of blades at the beginning of each season will speed cutting and extend the life of your grass shears.

- 1. Remove the battery from the grass shears.
- Wear heavy gloves. Remove the four screws on the bottom of the shears.
- 3. Lift the old blades out of the unit (Fig. 11). Leave the washer on the gear post.
- 4. Clean any grass from the bottom of the case. Rotate the large gear to line up the post with the slot in the moving blade (Fig. 11).
- 5. Place the new blades on the units body.
- 6. Replace and tighten the four screws to secure the blades.
- Replace the battery if the grass shears will be returned to use.

TO RECYCLE BATTERY



please recycle or dispose of properly. THIS PRODUCT USES A NICKEL-CADMIUM BATTERY WHICH MUST BE DISPOSED OF PROPERLY. Local, state, or federal laws may prohibit disposal of nickel-cadmium batteries in ordinary trash. Consult your local waste authority for information regarding available recycling and/or disposal options, or call 1-800-8 BATTERY.

To preserve natural resources,



WARNING: For disposal, cover the battery's terminals with heavy duty adhesive tape. Do not attempt to destroy or disassemble battery or remove any of its components. Nickel-cadmium batteries must be recycled or disposed of properly. Also, never touch both terminals with metal objects and/or body parts as a short circuit may result. Keep away from children. Failure to comply with these warnings could result in fire and/or serious injury.

CLEANING AND STORAGE

CLEANING THE UNIT

- 1. Turn the shears off, and remove the battery.
- Use a small brush or the air discharge of a vacuum cleaner brush to keep the air vents free of obstructions.
- Do not use any strong detergents on the plastic housing or plastic components. Those parts can be damaged by certain household cleaners that contain aromatic oils such as pine and lemon, and may also cause a shock hazard. Wipe off any moisture with a soft cloth.

STORING THE GRASS SHEARS

When not in use, remove the battery, replace the blade cover, and store grass shears, battery, and charging accessories indoors in a dry place, up high or in a locked area, out of the reach of children.

For seasonal storage, clean and lubricate the unit as described in **Blade Cleaning**, and replace the blade cover. Always remove the battery from the unit before placing in storage.

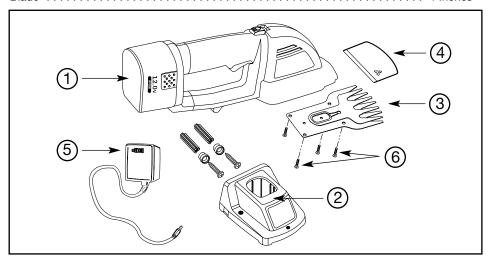
Fully recharge the battery on removing from seasonal storage.

REPLACEMENT PARTS

Item	Part No.	Description
1	181918	BATTERY
2	181919	CHARGING STAND
3	181954	REPLACEMENT BLADE
4	181955	BLADE COVER
5	181925	12V CHARGER (Model No. 4400101)
6	181956	BLADE SCREW

SPECIFICATIONS

Operating SPM	1 0+
Power Switch Lock-	Off
Battery	DC
12 Volt Charger	AC
Blade 4 Inch	nes



LIMITED TWO-YEAR WARRANTY

RYOBI OUTDOOR PRODUCTS warrants each new RYOBI Product for two (2) years according to the following terms.

This warranty extends to the original retail purchaser only and commences on the date of original retail purchase.

Any part of the RYOBI Product manufactured or supplied by RYOBI and found in the reasonable judgement of RYOBI to be defective in material or workmanship will be repaired or replaced by an authorized RYOBI service dealer without charge for parts and labor.

The RYOBI Product including any defective part must be returned to an authorized service dealer within the warranty period. The expense of delivering the RYOBI Product to the dealer for warranty work and the expense of returning it back to the owner after repair or replacement will be paid for by the owner. RYOBI's responsibility in respect to claims is limited to making the required repairs or replacements and no claim of breach of warranty shall be cause for cancellation or rescission of the contract of sale of any RYOBI Product. Proof of purchase will be required by the dealer to substantiate any warranty claim. All warranty work must be performed by an authorized RYOBI service dealer.

This warranty is limited to ninety (90) days from the date of original retail purchase for any RYOBI Product that is used for rental or commercial purposes, or any other income-producing purpose.

This warranty does not cover any RYOBI Product that has been subject to misuse, neglect, negligence, or accident, or that has been operated in any way contrary to the operating instructions as specified in the RYOBI Operator's Manual. This warranty does not apply to any damage to the RYOBI Product that is the result of improper maintenance or to any RYOBI Product that has been altered or modified so as to adversely affect the product's operation, performance or durability or that has been altered or modified so as to change its intended use. The warranty does not extend to repairs made necessary by normal wear or by the use of parts or accessories which are either incompatible with the RYOBI Product or adversely affect its operation, performance or durability.

RYOBI reserves the right to change or improve the design of any RYOBI Product without assuming any obligation to modify any product previously manufactured.

ALL IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE TWO (2) YEAR WARRANTY PERIOD OR NINETY (90) DAYS FOR PRODUCTS USED FOR ANY COMMERCIAL PURPOSE. ACCORDINGLY, ANY SUCH IMPLIED WARRANTIES INCLUDING MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, ARE DISCLAIMED IN THEIR ENTIRETY AFTER THE EXPIRATION OF THE APPROPRIATE TWO-YEAR OR NINETY DAY WARRANTY PERIOD. RYOBI'S OBLIGATION UNDER THIS WARRANTY, IS STRICTLY AND EXCLUSIVELY LIMITED TO THE REPAIR OR REPLACEMENT OF DEFECTIVE PARTS, AND ROP DOES NOT ASSUME OR AUTHORIZE ANYONE TO ASSUME FOR THEM ANY OTHER OBLIGATION. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

RYOBI ASSUMES NO RESPONSIBILITY FOR INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO EXPENSE OF RETURNING THE RYOBI PRODUCT TO AN AUTHORIZED SERVICE DEALER AND EXPENSE OF DELIVERING IT BACK TO THE OWNER, MECHANIC'S TRAVEL TIME, TELEPHONE OR TELEGRAM CHARGES, RENTAL OF A LIKE PRODUCT DURING THE TIME WARRANTY SERVICE IS BEING PERFORMED, TRAVEL, LOSS OR DAMAGE TO PERSONAL PROPERTY, LOSS OF REVENUE, LOSS OF USE OF THE PRODUCT, LOSS OF TIME, OR INCONVENIENCE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

This warranty applies to all RYOBI Products manufactured by RYOBI and sold in the United States and Canada.

To locate your nearest service dealer dial 1-800-345-8746 in the United States or 1-800-265-6778 in Canada.



RYOBI OUTDOOR PRODUCTS

550 N. 54th Street Chandler, AZ 85226 U.S.A.

RYOBI CANADA INC.

275 Industrial Rd Cambridge, Ontario N1R 6K2 CANADA

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE. FOR QUESTIONS CALL 1-800-345-8746 IN U.S. OR 1-800-265-6778 IN CANADA

OPERATOR'S MANUAL PART NO. 181957

REV. B (51446)

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5/98